Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A system for publishing a message using a page builder tool, the page builder tool for <u>creating and</u> providing a web page <u>having web page information for publication on a web browser</u> and linking the web page to a searchable database <u>such that search results from the searchable database are included in the web page information published in the web page</u>, the system comprising:

a message caching agent for receiving the message<u>, the message being provided by a user and being separate from the web page information</u>;

a message cache coupled to the message caching agent for storing the message, the message cache receiving the message from the message caching agent, the message cache being a local cache for the page builder tool; and

a message publishing agent coupled to the message cache and the page builder tool, the message publishing agent for retrieving the message from the message cache and allowing the message to be published <u>in the web page</u> on a web browser ~~through~~ <u>using</u> the page builder tool, wherein the message publishing agent allows the message to be published <u>in the web page</u> on the web browser by pushing the message to the web browser ~~through~~ <u>using</u> the page builder tool <u>such that the message is published in the web page using the page builder tool independently of the publishing of the web page information by the page builder tool</u>.

2. (Cancelled)

3. (Original) The system of claim 1, wherein the message publishing agent is a servlet.

4. (Currently amended) The system of claim 1, further comprising:

a message publishing macro definition[[,]] coupled to the page builder tool, <u>wherein the page builder tool provides the web page to the web browser and processes the message publishing macro definition provided for the web page, wherein the message publishing macro definition causes the message publishing agent to retrieve the message from the message cache and push the message to the web browser, wherein the message is published in the web page without the web browser having to refresh the web page</u>. ~~the message publishing macro definition being processed by the page builder tool in response to a request from the web browser, the message publishing macro definition for triggering publishing of the message in response to processing of the message publishing macro definition by the page builder tool~~.

5. (Original) The system of claim 4, wherein the message publishing macro definition includes an applet for retrieving the message from the message publishing agent and publishing the message when the message publishing macro definition is processed by the page builder tool.

6. (Currently amended) The system of claim 1, further comprising:

a message publishing tool for allowing a user to create the message and provide the message to the message caching agent, <u>the message not being in a web page format, and being one of a system status report and a notice to users of the searchable database, wherein the user providing the message is an administrator of the web page</u>.

7. (Currently amended) A method for publishing a message using a page builder tool, the page builder tool for <u>creating and</u> providing a web page <u>having web page information for publication on a web browser</u> and linking the web page to a searchable database <u>such that search results from the searchable database are included in the web page information published in the web page</u>, the method comprising ~~the steps of~~:

receiving a message from a user<u>, the message being provided by a user and being separate from the web page information</u>;

storing the message in a message cache connected to the page builder tool using a message caching agent, the message cache being a local cache for the page builder tool;

<u>utilizing a message publishing agent to retrieve</u> ~~retrieving~~ the message from the message cache and <u>publish</u> ~~publishing~~ the message <u>in the web page</u> on a web browser ~~through~~ <u>using</u> the page builder tool, wherein the publishing further includes

utilizing the message publishing agent to push the message to the web browser <u>using the page builder tool such that the message is published in the web page using the page builder tool independently of the publishing of the web page information by the page builder tool</u>.

8. (Currently amended) The method of claim 7, wherein <u>the message from the message cache is broadcast in all web pages created by the page builder tool</u> ~~the retrieving and publishing step is performed utilizing a message publishing agent~~.

9.   (Cancelled)

10. (Currently amended) The method of claim 7 [[8]], wherein the message publishing agent is a servlet.

11. (Currently amended) The method of claim 7 [[8]], wherein the retrieving and publishing step further includes the steps of:

triggering the message publishing agent to retrieve and publish the message using a message publishing macro definition coupled to the page builder tool, wherein the page builder tool provides the web page to the web browser and processes the message publishing macro definition provided for the web page, wherein the message publishing macro definition causes the message publishing agent to retrieve the message from the message cache and push the message to the web browser, wherein the message is published in the web page without the web browser having to refresh the web page the message publishing macro definition being processed by the page builder tool in response to a request from the web browser, the message publishing macro definition for triggering publishing of the message in response to processing of the message publishing macro definition by the page builder tool.

12. (Currently amended) The method of claim 11 [[8]], wherein the message publishing macro definition includes an applet that retrieves the message from the message publishing agent and publishes the message when the message publishing macro definition is processed by the page builder tool.

13. (Currently amended) The method of claim 7 [[8]], further comprising the step of:

allowing a user to create the message and provide the message to a message caching agent using a message publishing tool, <u>the message not being in a web page format, and being one of a system status report and a notice to users of the searchable database, wherein the user providing the message is an administrator of the web page</u>.

14.   (Currently amended)   A computer-readable medium containing a program for publishing a message using a page builder tool, the page builder tool for <u>creating and</u> providing a web page <u>having web page information for publication on a web browser</u> and linking the web page to a searchable database <u>such that search results from the searchable database are included in the web page information published in the web page</u>, the program including instructions for:

receiving a message from a user<u>, the message being provided by a user and being separate from the web page information</u>;

storing the message in a cache connected to the page builder tool using a message caching agent, the message cache being a local cache for the page builder tool;

<u>utilizing a message publishing agent to retrieve</u> ~~retrieving~~ the message from the message cache and <u>publish</u> ~~publishing~~ the message <u>in the web page</u> on a web browser ~~through~~ <u>using</u> the page builder tool, the publishing further including

utilizing the message publishing agent to push the message to the web browser <u>using the page builder tool such that the message is published in the web page using the page builder tool independently of the publishing of the web page information by the page builder tool</u>.

15. (Currently amended) The computer-readable medium of claim 14, wherein <u>the message is one of a system status report and a notice to users of the searchable database</u> ~~the retrieving and publishing instructions are performed utilizing a message publishing agent~~.

16. (Cancelled)

17. (Currently amended) The computer-readable medium of claim <u>14</u> [[15]], wherein the message publishing agent is a servlet.

18. (Currently amended) The computer-readable medium of claim <u>14</u> [[15]], wherein the retrieving and publishing instructions further include instructions for:

triggering the message publishing agent to retrieve and publish the message using a message publishing macro definition coupled to the page builder tool, <u>wherein the page builder tool provides the web page to the web browser and processes the message publishing macro definition provided for the web page, wherein the message publishing macro definition causes the message publishing agent to retrieve the message from the message cache and push the message to the web browser, wherein the message is published in the web page without the web browser having to refresh the web page</u> ~~the message publishing macro definition being processed by the page builder tool in response to a request from the web browser, the message publishing macro definition for triggering publishing of the message in response to processing of the message publishing macro definition by the page builder tool~~.

19. (Currently amended) The computer-readable medium of claim 18 [[15]], wherein the message publishing macro definition includes an applet that retrieves the message from the message publishing agent and publishes the message when the message publishing macro definition is processed by the page builder tool.

20. (Currently amended) The computer-readable medium of claim 14 [[15]], further comprising the step of:

allowing a user to create the message and provide the message to a message caching agent using a message publishing tool, the message not being in a web page format, wherein the user providing the message is an administrator of the web page.

21. (Previously Presented) The system of claim 1, wherein the message allows the message to be published on the web browser through the page builder tool in response to a request from the web browser.

22. (Previously Presented) The method of claim 7, wherein the retrieving and publishing step further includes the step of:

publishing the message on the web browser through the page builder tool in response to a request from the web browser.

23. (Previously Presented) The computer-readable medium of claim 14, wherein the retrieving and publishing instructions further includes instruction for:

publishing the message on the web browser through the page builder tool in response to a request from the web browser.